Omnitron Systems Technology, Inc.

FlexPoint™ DC Converter User Instructions

General Description:

Designed for telecommunications environments such as campuses and phone centers, that use DC power as a primary source. The FlexPoint DC converter provides a user with the ability to power a single media converter with DC power.

Site Preparation Requirements:

1. Power: Assure the DC power can supply 1.0A of current.
2. This equipment requires 18-60 VDC / 1.0 Amps of power. Appropriate overloading protection should be provided on all DC power source outlets utilized.
3. Wiring methods used for the connection of the equipment to the primary power supply shall be in accordance with the National Electrical Code, ANSI/NFPA 70, and the Canadian Electrical Code, Part I, C22.1.

WARNING: **Only a DC power source that complies with safety extra low voltage (SLEV) requirements can be connected to the DC-input power supply.**

Tools and Equipment Required:

Phillips-head screwdriver (not supplied)

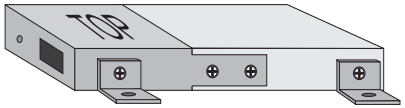
Flat-head screwdriver (not supplied)

Wire cutter/stripper (not supplied)

Three-conductor 14 AWG copper power cable (recommended; not supplied)

Preparation:

Assure that the FlexPoint DC Converter is physically installed in accordance with the *Site Preparation Requirements* outlined earlier in this document.



WARNING REGARDING EARTHING GROUND:

a) This equipment shall be connected to the DC supply system earthing electrode conductor or to a bonding jumper from an earthing terminal bar or bus to which the DC supply system earthing electrode is connected.

b) This equipment shall be located in the same immediate area (such as, adjacent cabinets) as any other equipment that has a connection between the earthed conductor of the same DC supply circuit and the earthing conductor, and also the point of earthing of the DC system. The DC system shall not be earthed elsewhere.

c) The DC supply source is to be located within the same premises as this equipment.

d) There shall be no switching or disconnecting devices in the earthed circuit conductor between the DC source and the earthing electrode conductor.

Cabling and Power-Up:

WARNING: Note the wire colors used for making the positive, negative and ground connections. Use the same color assignment for the connection at the circuit breaker.

1. Securely attach the FlexPoint DC Converter to a FlexPoint media converter using (4) phillips-head screws (refer to illustration).
2. If desired attach the optional wall-mounting brackets (part number 4381) and securely fasten to desired location (refer to illustration).
3. Assure that the DC circuit breaker can supply 1.0A of current to the power supply.
4. Locate the DC circuit breaker, and switch the DC circuit breaker to the OFF position.
5. Cut the power cable to the length required.
6. Strip approximately 3/8 of an inch of insulation from the power cable wires.
7. Connect the power cables to the FlexPoint DC Converter by fastening the stripped ends to the DC connector.
8. Connect the power cables to the circuit breaker and switch the circuit breaker ON.
9. Check the power LED on the back panel of the FlexPoint DC Converter. The LED should be ON.
10. Check the power LED on the front pannel of the attached FlexPoint Media Converter. The LED should be ON.

User Warranty Registration

Please register on-line @ **http://www.omnitron-systems.com** or complete both sides and mail or fax this registration form to:

Omnitron Systems Technology, Inc.
27 Mauchly #201
Irvine, CA 92618, USA
Fax: (949) 250-6514

Name: _____

Company: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Country: _____

Phone: _____ Fax: _____

E-mail: _____

Please complete both sides of this form

User Warranty Registration

Please register on-line @ **http://www.omnitron-systems.com** or complete both sides and mail or fax this registration form to:

FlexPoint Type: _____

Model: _____

Serial Number: _____ Purchase Date: _____

Purchased From: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Country: _____

Comments and Suggestions: _____

Please complete both sides of this form

Warning

The operating description in this Instruction Manual is for use by qualified personnel only. To avoid electrical shock, do not perform any servicing of this unit other than that contained in the operating instructions, unless you are qualified and certified to do so by Omnitron Systems Technology, Inc.

Caution

All user-required operations can be performed without opening the unit. Never attempt to open or remove the cover or tamper with the unit.

Warranty

This product is warranted to the original purchaser against defects in material and workmanship for a period of TWO YEARS from the date of shipment. A LIFETIME warranty may be obtained by the original purchaser by REGISTERING this product with Omnitron within 90 days from the date of shipment. TO REGISTER, COMPLETE AND MAIL OR FAX THE REGISTRATION PORTION OF THIS INSTRUCTION MANUAL TO THE INDICATED ADDRESS. Or you may register your product on the internet at http://www.omnitron-systems.com. During the warranty period, Omnitron will, at its option, repair or replace a product which is proven to be defective.

For warranty service, the product must be sent to an Omnitron designated facility, at Buyer's expense. Omnitron will pay the shipping charge to return the product to Buyer's designated US address using Omnitron's standard shipping method.

Limitation of Warranty

The foregoing warranty shall not apply to defects resulting from improper or inadequate use and/or maintenance of the equipment by Buyer, Buyer-supplied equipment, Buyer-supplied interfacing, unauthorized modifications or tampering with equipment (including removal of equipment cover by personnel not specifically authorized and certified by Omnitron), or misuse, or operating outside the environmental specification of the product (including but not limited to voltage, ambient temperature, radiation, unusual dust, etc.), or improper site preparation or maintenance.

No other warranty is expressed or implied. Omnitron specifically disclaims the implied warranties of merchantability and fitness for any particular purpose.

Exclusive Remedies

The remedies provided herein are the Buyer's sole and exclusive remedies. Omnitron shall not be liable for any direct, indirect, special, incidental, or consequential damages, whether based on contract, tort, or any legal theory.

Form: 040-04384-001 11/00

WARNING!
NEVER ATTEMPT TO OPEN OR SERVICE THE POWER SUPPLY UNIT. OPENING THE POWER SUPPLY UNIT MAY CAUSE SERIOUS INJURY OR DEATH.

LED Indicators:

LED	Color	Description
Power:	Yellow	Power applied

Technical Support:

For help with this product, contact our Tech. Support:

Phone: (949) 250-6510
Fax: (949) 250-6514
Address: Omnitron Systems Technology, Inc.
27 Mauchly #201
Irvine, CA 92618 USA
E-mail: support@omnitron-systems.com
URL: http://www.omnitron-systems.com